

Abstract

A color filter array having a yellow filter layer on a substrate wherein the yellow filter layer comprises a pyridone azo dye having its absorption maximum at a wavelength of 400 to 500 nm; and has a transmittance at a wavelength of 450 nm of 5% or less, that at 535 nm of 80% or more and that at 650 nm of 90% or more is provided; the color filter array shows excellent spectroscopic characteristics with respect to yellow light, is capable of forming a pattern with a short time exposure and has a yellow filter layer excellent in light fastness; and a photosensitive resin composition with which a pattern can be formed with a short time exposure is also provided.